# Author Index, Volume 38, 2009

Abdi, R., 32
Adamson, Peter A., 580
Agarwal, A.K., 521
Ah-See, Kim Wong, 355
Akoglu, Ertap, 422
Akoglu, Sebahat, 422
Akram, Rahal, 340
Akyol, Gulen, 119
Al Badaai, Yahya, 381
Ali, Mahmoud S., 240
Alkan, Seyhan, 126
Al-Khatib, Talal, 564
Allen, Heather, 294, 427
Allen, Murray, 628
Almadori, Giovanni, 16
Al-Qudah, Mohannad, 311
Anand, Sumeet M., 6, 642
Andrews, P.J., 32
Arikan, Osman Kursat, 495
Aron, Margaret, 552
Aslan, Ismet, 172
Aslan, Osman, 172
Atallah, Ihab, 613
Aydemir, Birsen, 172
Aydil, Utku, 119
Ayotte, Dawn, 227

Baatenburg de Jong, Robert J., 449
Babayigit, Cenk, 422
Bäck, Leif, 537
Bailie, Neil A., 212, 595
Bartlett, Clark, 197
Baylançiçek, Serdar, 126
Bedrin, Lev, 504, 517
Belzile, Mathieu, 545
Ben Abdallah, Mansour, 191
Benezery, Karen, 401
Benmansour, Najib, 23
Bensadoun, René-Jean, 401
Bhat, Vikram K., 456
Black, Martin J., 348, 395, 552, 564
Black, Mindy A., 227
Blakley, Brian W., 142, 318
Bonaparte, James P., 468
Bossé, Yohan, 133
Boussen, Hamouda, 191
Bozdayi, Gulendam, 119
Bozec, Alexandre, 401
Brandner, Nicole, 96
Brandt, Michael, 77
Brown, David K., 59
Brown, Tim, 619
Bullock, Martin, 279, 619
Bussu, Francesco, 16
Buyukkocak, Unase, 495

Carpentier, Anne-Sophie, 613
Casanova, Cédric, 401
Chamorey, Emmanuel, 401
Chang, Chia-Sheng, 532
Chau, Jason, K.M., 294, 427
Chen, David T., 208, 337
Chen, Peir-Rong, 208, 337
Chen, Theodore, 580
Chou, Yu-Fu, 208, 337
Christian, Ahmarani, 340
Chummun, Shaheel, 1
Chung, Hsiung-Kwang, 532
Cook, E. Francis, 59
Cormier, Chantale, 133
Cornelis, Celine, 11
Corsten, Gerard, 434
Corsten, Martin, 628
Cote, David W., 427
Cote, Valerie, 552
Crognoletti, Marianna, 375
Crysdale, William S., 183
Cushing, Sharon L., 157

Dadas, Burhan, 126
Dagli, Safak, 422
Dapling, Robert B., 390
Dassonville, Olivier, 401
Datli, Filiz, 495
Davids, Taryn, 417
Dawes, Patrick J.D., 311
de Almeida, John R., 106
de Korompay, Nevin, 559
Deftereos, Spyros N., 462
Demard, François, 401
Demin, Han, 440
Desrosiers, Martin, 133
Dhanasekar, Ganapathy, 390
Dickson, J. Matthew, 302, 409
DiFalco, Marcos R., 381
DiMarco, A., 32
Dogan, Bora, 119
Dorion, Dominique, 545
Dort, Joseph C., 59
Doueik, Alexandre-Ali, 545
Doyle, Philip C., 77
Draper, Mark R., 1
Dumper, Jaymi, 96
Duplessis, Christopher, 67
Dupret, Agnès, 613
Dutt, Sunil N., 212, 595
Duval, Melanie, 227
Dziegielewski, Peter T., 246, 427

Eggermont, Jos J., 59
Ekinci, Ozgur, 119
El May, Ahmed, 191
El May, Michèle Véronique, 191
Elangovan, S., 222
Eleftheriadou, Anna, 462
Elisay, A.R., 32
Ellis, David A.F., 369, 417
Enepekides, Danny, 603
Erdag, Taner Kemal, 362
Espinosa, Enrique, 255
Ethier, Jean-Luc, 632

Faralli, Mario, 375
Ferekidou, Elisa, 462
Ferraro, Silvia M., 568
Flamer, David, 112
Follana, Philippe, 401
Fortier, Pierre-Hugues, 545
Fothergill, David, 67
Fourati, Asma, 191
Frankel, Bruce M., 509
Franklin, Jason, 77
Fraser, Lyndsay, 501
Freeman, Jeremy L., 559
Frenguelli, Antonio, 375
Frenkiel, Saul, 642
Friesen, Jeri R., 587
Fung, Kevin, 38, 77

Galli, Jacopo, 16

DOI 10.2310/7070.2009.00002

Gamoudi, Amor, 191
Garfield, Natasha, 395
Gesser, Ruth, 227
Gheriani, Heitham, 112
Glikstein, Rafael, 642
Gologan, Olguta, 348, 395
Gordon, Karen A., 157
Görür, Kemal, 526
Goucha, Aïda, 191
Goumas, Panos, 233
Guillemaud, Jennifer, 294
Güneri, Enis Alpin, 362
Gupta, Michael, 628

Hafidh, Maky, 434
Halik, Jerry J., 595
Han, Demin, 90
Harris, Jeffrey R., 246, 294, 427
Hart, Robert D., 197, 279, 434, 468, 619
Harvey, Richard J., 509
Hayakawa, Thomas, 587
Hegde, Jyotirmay, 456
Heizmann, Claus W., 16
Hier, Michael P., 348, 395, 552, 564
Higgins, Kevin M., 603
Hodgetts, Bill, 96
Hong, Paul, 279, 369
Hong, Wang, 440
Hsu, Lee-Ping, 208
Hu, Hei, 440
Huang, Pinjie, 49
Huang, Zhaotong, 49
Huang, Zhigang, 440
Hudson, Thomas J., 133

Ibba, Maria Cristina, 375
Ikiz, Ahmet Ömer, 362
Ilhan, Mustafa N., 119
Inal, Erdogan, 119
Ismi, Onur, 526

James, Adrian L., 106
Javer, Amin, 112
Javidnia, Hedyeh, 29
Jugao, Fang, 440

Kacakci, Aysun, 172
Kandiloros, Dimitrios, 462
Karageorgiou, Klimentini L., 462
Kemaloglu, Yusuf, 119
Kenny, Dianna T., 261
Kerr, Paul D., 587
Kilic, Rahmi, 495
Kisilevsky, Vitaly, 212, 595
Korres, Stavros G., 462
Kost, Karen, 564
Kourelis, Konstantinos, 233
Kourelis, Theodoros, 233
Koybasioglu, Ahmet, 119
Krug, Melinda, 227
Kumar, Praveen R., 456

Ladgham, Abderrahman, 191
Lai, Philip, 559
Laout, Claire, 401
Lasisi, Akeem O., 477
Lauriola, Libero, 16
Le, Huy, 642
Le Cessie, Saskia, 449
Lee, Chia-Fone, 208, 337
Li, Yuan, 49
Lin, Chia-Der, 532
Lin, Ching-Chia, 532
Liu, Hui, 49
Liu, Richard, 96
Liu, Xiaochao, 90
Longari, Fabrizlo, 375
Ludemann, Jeffrey P., 302, 409, 646

Macdonald, Kristian I., 286
MacNeil, S. Danielle, 483, 652
Madani, S.A., 32
Maggiano, Nicola, 16
Majidi, H., 32
Makdessian, Ara Samuel, 369
Mäkitie, Antti, 537
Malhotra, Vikas, 521
Manoukian, John J., 6
Marcy, Pierre-Yves, 401
Marioni, Gino, 568
Massoud, Emad, 286
Mathieu, David, 545
McKenna, Joseph, 587
McNally, James D., 286
Mendelson, Asher A., 395, 564
Mfuna, Leandra, 133
Miao, Xutao, 90
Michetti, Fabrizio, 16
Micomonaco, Damian C., 77
Migirov, Lela, 504, 517
Mijovic, Tamara, 348
Mlynarek, Alex, 246, 427
Mohammad, Hamid, 340
Mokni, Nahla, 191
Moore, Corey C., 77
Morris, Alan, 106
Morrison, Murray D., 624
Mount, Gillian, 77
Moxham, J. Paul, 409
Muluk, Nuray Bayar, 166
Murphy, Michael, 619
Muruganandham, K., 222

Na, Meng, 440
Nag, Mythri, 456
Nasser, Joseph G., 178, 197, 279, 434
Nesbitt, Peggy, 294
Newton, Jonathan R., 355
Nguyen, Duong Duy, 261
Nguyen, Tram, 646
Nouraei, S.A.R., 32
Noureddine El alami, Mohamed, 23

O'Connell, Daniel A., 246
Ogaick, Maurice J., 603
Okuyucu, Semsettin, 422
Olivier, Beaudoin, 340
Ormsby, Christopher E., 255
Otag, Feza, 526
Oudidi, Abdellatif, 23
Oysu, Cagatay, 172
Özcan, Cengiz, 526

Pabbies, Árone, 587
Pace-Asciak, Pia, 624
Paludetti, Gaetano, 16
Panagopoulos, Grigoris, 462
Papsin, Blake C., 157
Patel, Sunil J., 509
Payne, Richard J., 348, 395, 552, 564
Peyrade, Frédéric, 401
Phillips, Timothy J., 619
Piilonen, Anneli, 537
Poissonnet, Gilles, 401
Polat, Ayse, 526

Qi, Zhong, 440
Quddusi, Taeed, 318

Ranelletti, Franco O., 16
Reiger, Jana, 246
Reyes-Terán, Gustavo, 255
Ricci, Giampietro, 375
Riding, Keith H., 302
Rigante, Mario, 16
Rivera, Juan, 348, 395

Rochon, Louise, 348, 395
Rodier, Jean-François, 613
Romney, Marc G., 483
Rota, Seyyal, 119
Rutka, John A., 212

Sader, Chady, 619
Safar, Ali, 595
Samaha, Mark, 381
Sands, Noah B., 6
Sargent, Michael A., 409
Savastano, Marina, 568
Schafer, Beat W., 16
Schlosser, Rodney J., 509
Segall, Lorne, 559
Seikaly, Hadi, 294, 427
Sert, Ozgur, 495
Sethi, Ashwani, 521
Sethi, Deepika, 521
Sfetsos, Sotirios, 462
Shah, Manish D., 603
Shakeel, Muhammad, 355
Shaw, Gregory, 59
Sherman, Mark, 395
Shoman, Nael, 112
Siekaly, Hadi, 246
Singal, Sukrati, 521
Sistla, Sarath Chandra, 222
Sjögren, Elisabeth V., 449
Skinner, Derek W., 390
Smith, Wendy K., 501
Smythe, Gayle M., 323
Snijder, Simone, 449
Soda-Merhy, Antonio, 255
Sotiropoulou-Bonikou, Georgia, 233
Sowa, Michael G., 587
Sowerby, Leigh J., 652
Sözen, Esra, 126
Spiegel, Jeffrey H., 573
St-Amant, Maxime, 545
Stone, Rebecca S., 573
Strantzas, Samuel, 157
Sudaka, Anne, 401
Sütay, Semih, 362

Talmi, Yoav P., 517
Tamilia, Michael, 348, 395, 552
Tang, Judith Lam, 246
Taylor, S. Mark, 178, 197, 279, 369, 434, 468, 619, 632
Tervahartiala, Pekka, 537
Tewfik, Marc A., 381
Thamboo, Andrew, 646
Thariat, Juliette, 401
Tibbo, Jamie, 434
Toplan, Selmin, 172
Torres, Klintsy, 255
Trites, Jonathan R.B., 178, 197, 279, 434, 468, 619, 632
Tsai, Ming-Hsui, 532
Tülay, Basak, 126

Umapathy, Neelapan, 390

Vaccani, Jean-Philippe, 29
Vallicioni, Jacques, 401
Van Borsel, John, 11
Vandoros, Gerasimos, 233
Vayisoglu, Yusuf, 526
Velázquez-Villaseñor, Luis, 255
Verma, Surendra Kumar, 222
Volkmar, Pierre-Philippe, 613

Wang, Chin-Yuan, 532
Watson, Charlene, 59
Weber, Patrice, 401
Wei, Yongxiang, 90
Wei, Zhang, 440
Weingertner, Anne Sophie, 613
Wen, I-Shian, 208, 337
Westerberg, Brian D., 483
Whyne, Cari M., 106
Wilke, Derek, 434, 619
Winter, S.C., 1
Wise, Sarah K., 509
Witterick, Ian J., 106, 559
Wolf, Michael, 504, 517
Wolfaardt, Johan, 246
Wong, Adrienne, 38
Wong, Kevin K., 624
Wright, Erin D., 652
Wu, Bella, 624
Wu, Hong-Pin, 208, 337

Xiaohong, Chen, 440
Xing, Feihong, 90

Yakirevitch, Arkadi, 504, 517
Yang, Po-Kai, 337
Ye, Jin, 49
Ylikoski, Jukka, 537
Yoo, John, 77
Young, Jonathan, 348

Zarikas, Vasilios, 462
Zeitouni, Anthony G., 564
Zhan, Xiaojun, 90
Zhang, Cong, 90
Zhang, Gehua, 49
Zhang, Xun, 552
Zhao, Hong, 90
Zheng, Yang, 440

# Keyword Index, Volume 38, 2009

Abbreviated Profile of Hearing Aid Benefit, 97
Absorbable packing, 113
Achondroplasia, 178
Adenoid cystic carcinoma, 468
Adenoid vegetation, 526
Adenoidectomy, 50
Adenopathie, 23
Adults, 356
Alternative medicine, 517
Analgesics, 581
Anatomy of paranasal sinuses, 33
Antioxidative system, 173
Area scar, 78
Articulation, 11
Aspiration, 647
Auditory brainstem response, 60, 318
Auricle, 241

Benign paroxysmal positional vertigo, 213
Bone-anchored hearing aid, 97
BPPV, 375
Branchial fistula, 302
Branchial sinus, 302
Burst pressure, 106

*Campylobacter*-like test, 526
Cancer, 468
Cancer of the tongue, 191
*Candida*, 624
Carcinogenesis, 234
Cartilage, 362
Cartilage sparing, 340
CD34, 191
Cerebrospinal fluid, 510
Cerebrospinal fluid leak, 510
Cerebrospinal fluid leaks, 106
Children, 50, 183, 574
Chirurgie, 23
Choking, 647
Chondrosarcoma, 262
Chronic rhinosinusitis, 33, 134, 517
Chronic sinusitis, 287
Chronic Sinusitis Survey, 287
Chronic suppurative otitis media, 311, 457
Chronicity, 478
Clinical trial, 427
Cochlear implants, 157
Cochlear nerve aplasia, 410
Complementary and alternative medicine (CAM), 356
Complementary medicine, 517
Complications, 50, 157, 241, 340, 505
Computed tomographic scan, 410
Computed tomography, 33, 642
Cosmetic facial surgery, 581
Cosmetic outcomes, 427
Cost analysis, 559, 619
Cost effective, 619
Curriculum development, 38
Cyclic nucleotide-gated channel, 91
Cytology, 349

Dacryocystorhinostomy, 375
Degeneration, 324
Diving, 68
Dizziness, 375
Donor-site aesthetics, 78
Donor-site morbidity, 628
Duchenne muscular dystrophy, 324
Dysphagia, 228

Ear canal, 468
Ear surgery, 362
Electrical stimulation, 157
Electrocautery, 427
Electrocochleography, 318
Endaural, 241
Endoscopes, 375
Endoscopic sinus surgery, 113, 510
Epidermal growth factor receptor, 234
Etiology, 526
Eustachian tube function, 457

Facial nerve, 157
Facial plastic surgery, 369
Failure to thrive, 574
Fibula, 178
Fine-needle aspiration, 521
Fine-needle aspiration biology, 396
Fine-needle aspiration biopsy (FNAB), 349
Fine-needle aspiration cytology, 222
Flexible endoscopic evaluation of swallowing, 228
Follow-up predictor, 553
Forearm morbidity, 294
Foreign body, 647
Free flap monitoring, 588
Frozen section, 559
Functional endoscopic sinus surgery, 287
Functional outcomes, 97
Fungal, 624

Gamma knife, 546
Genetic association study, 134
Genetic vectors, 441
Glottic cancer, 619
Glottic carcinoma, 449
Glucocorticoid, 91
Glue ear, 526
Graft, 362
Grafts, 106
Great auricular nerve, 337
Gross domestic product, 208

HBME-1, 349
Head and neck, 16, 262, 521
Head and neck cancer, 402
Head and neck reconstruction, 247
Head and neck surgery, 356
Hearing function, 496
Hearing in Noise Test, 97
Hearing loss, 318, 596
Heat shock protein 70, 191
*Helicobacter pylori*, 526
High jugular bulb, 166
High-risk thyroid surgery, 613
Human, 256
Human immunodeficiency virus (HIV), 256
Human papillomavirus 16, 120
Hypertrophy, 538
Hypopharyngeal cancer, 120

IgA to IgG ratio, 478
Income, 208
Infection, 624
Informed consent, 369
Ingestion, 647
Inner ear barotrauma, 68
Inpatients, 356

Interaural amplitude differences (IAD), 463
Intraoperative neuromonitoring, 613
Intrathecal fluorescein, 510
Intrinsic laryngeal, 324
Irrigation, 422
Isoflurane, 496

Ki67, 191
Kindergarten hearing screening, 410

Lactated Ringer solution, 422
Large samples of healthy subjects, 463
Laryngeal cancer, 120, 604
Laryngeal carcinoma, 173
Laryngeal cyst, 6
Laryngeal neoplasm, 441
Laryngeal structures, 1
Laryngectomy, 564
Laryngoscope, 1
Larynx, 16, 234, 262, 435, 624
Lentivirus, 441
Long-term results, 340
Low-set ear, 241
Lumbar drain, 510
Lymph node, 521
Lymphatic metastasis, 120
Lymphoid tissue, 256

Magnetic resonance, 410
Magnetic resonance imaging, 538
Malleovestibulopexy, 596
Management, 262
Mastoidectomy, 241, 311
*mdx*, 324
Meta-analysis, 604
Methicillin-resistant *Staphylococcus aureus* (MRSA), 484
Methylene blue, 302
Microvascular, 178
Microvascular reconstruction, 402
Middle ear, 457, 526
Middle ear secretion, 478
Middle ear surgery, 596
Molecular characterization, 16
Mucociliary clearance, 422
Mucoid otitis media, 478
Multidisciplinary, 228
Multiple drug resistance, 441
Multiple tumours, 449
Muscle tension dysphonia, 262
Mustardé technique, 340
Myofascial, 632

Nasal cavity, 642
Nasal packing, 113
Nasal polyposis, 134
Nasal surgery, 183
Nasendoscope, 1
NasoPore, 113
Near-infrared spectroscopy, 588
Nebulization, 422
Neck dissection, 337
Nerve palsy, 613

Obstructive sleep apnea syndrome, 50, 574
Obstructive sleep disturbance, 574
Octreotide, 546
Olfactory receptor neurons, 91
Oral cancer, 208
Oral cavity cancer, 198, 247
Oropharyngeal cancer, 198
Otitis externa, 484
Otitis media, 484
Otitis media with effusion, 526, 533
Otolaryngologic surgery, 356
Otolaryngology, 468
Otolithic dysfunction, 375
Otoplasty, 340
Otorrhea, 484
Otosclerosis, 596
Outcomes, 113, 311, 435
Oxidative system, 173

*p53*, 191
Pain medication, 581
Palatine tonsils, 538
Papillary carcinoma, 349
Papillary thyroid cancer, 559
Paranasal sinuses, 642
Parotid radiation, 546
Patient education, 369
Patient satisfaction, 427
Pectoralis, 632
Pediatric, 574
Pediatrics, 157
Pneumocephalus skull base, 510
Postaural, 241
Posterior semicircular canal, 213
Posterior semicircular canal occlusion, 213
Preauricular sinus, 302
Prevention, 647
Previous tumours, 449
Primary care otolaryngology, 38
Prognostic factors, 16
Prolonged endotracheal intubation, 533
Prominent ears, 340
Public education, 647
Purulent otitis media, 478

Quality of life, 50, 166, 287, 402

Radial forearm free flap, 294, 628
Radiation therapy, 604, 619
Radiofrequency thermal ablation, 538
Radioprotection, 546
Radiotherapy, 435
Randomized controlled trial, 262
Randomized trial, 113
Rat, 422, 546
Real-time polymerase chain reaction, 120
Reconstruction, 178, 632
Recurrence, 553
Recurrent laryngeal nerve, 613
Resistance, 234
Retinoid X receptor, 234
Retrocochlear hearing loss, 60
Rhinoplasty, 369
Ribonucleic acid interference, 441
Risk factors, 396
Risk recall, 369

S100A2 $Ca^{2+}$ binding protein, 16
Saline, 422
Salivary gland, 546
Salvage surgery, 435
Satisfaction rate, 340
Scalpel, 427
Scar assessment, 78
Screening, 457
Second malignancies, 449
Sensate reconstruction, 247
Sensorineural hearing loss, 68, 410
Serum, 478
Sevoflurane, 496
SF-36 Health Survey, 166
Sheet graft, 294
Short-Form 36-Item Health Survey (SF-36), 287
Sinusitis, 505
Skeletal muscle, 324
Skin graft, 294
Skin incision, 427
Sleep-disordered breathing, 574
Somatostatin, 546
Spatial and Qualities of Hearing Scale, 97

Speech, 11, 97
Spinal accessory nerve, 337
Squamous, 435
Staged surgery, 311
Staging, 198
Stapedial reflex, 157
Stridor, 6
Subfascial dissection, 294
Subjective visual vertical, 375
Subperiosteal abscess, 505
Suprafascial dissection, 294
Surgery, 213
Surgical approach, 505
Survival, 120, 449, 468

T1, 449
Teachers, 262
Temporalis fascia, 126
Tertiary care hospital, 356
Thyroglobulin, 553
Thyroid carcinoma, 396, 553
Thyroid neoplasms, 349
Thyroid nodule, 349, 396
Thyroid nodules, 222
Thyroidectomy, 559, 564
Thyroxine, 553
Tinnitus, 68, 166
Tinnitus loudness level score, 166
Tissue expander, 628
TNFAIP3, 134
TNFAIP6, 134
Tongue piercing, 11
Tonsillectomy, 50
Trachea, 262, 422
Tracheostomy, 533
Transient-evoked otoacoustic emissions, 68
Transoral laser microsurgery, 619
Transoral laser surgery, 604
Treatment, 619
Treatment outcome, 375
Tuberculose, 23
Tuberculosis, 521
Tumour necrosis factor, 134
Tympanometry, 68
Tympanoplasty, 126

Ultrasound guidance, 222
Undergraduate medical education, 38
Unilateral auditory symptoms, 60

Vallecular cyst, 6
Venous Doppler ultrasonography, 588
Vestibular evoked myogenic potential(s), 463
Vietnamese tones, 262
Viral replication, 256
Virtual endoscopy, 642
Visual analogue scale, 78
Vocal function exercises, 262
Voice therapy, 262
Volume rendering, 642

Xerostomia, 546

# Subject Index, Volume 38, 2009


Abbreviated Profile of Hearing Aid Benefit, 96–104
Ablation free thyroxine, 553–558
Abscess, subperiosteal, 504–507
Acetaminophen, 580–585
Achondroplasia, 178–182
Acid-fast bacilli (AFB) staining, 521–524
Acoustic neuroma, 59–66
Acute adrenal event, 178–182
Adenoid cystic carcinoma, 468–475
Adenoid tissue
  CLO test with, 526–530
  virologic response to HAART, 255–259
Adenotonsillectomy, 49–57, 573–578
AFB. *See* Acid-fast bacilli staining
Airway obstruction, 6–10
Amplitudes, of VEMPs, 462–466
Analgesics, 580–585
Anesthetics, and hearing function, 495–500
Angiogenic marker CD34, 191–195
Antibiotics
  intradermal injection of, 568–572
  susceptibility of MRSA to, 483–493
Antifungals, 624–627
Antioxidative system, 172–176
Area scars, 77–89
Articulation, and tongue piercing, 11–15
Audiometry, 495–500
Auditory brainstem response
  for testing hearing, 318–322
  unilateral auditory symptoms and, 59–66
Auditory canal, 468–475
Auricle, and low-set ear, 240–245
Auricular perichondritis, 568–572

Bacteriology, 483–493
Barotubometer, eustachian, 456–461
BCHL. *See* Bilateral conductive hearing loss
*Be Smart, Don't Choke*, 646–651
Benign paroxysmal positional vertigo (BPPV)
  otolithic dysfunction/stress and, 375–379
  surgical treatment of, 212–220
β-dystroglycan, 323–333
Bilateral conductive hearing loss (BCHL), 96–104
Biodegradable synthetic polyurethane foam, 112–117
Bleeding, with NasoPore, 112–117
Blood loss, 427–432
Bone dissection technique, 390–392
Bone-anchored hearing aids, 96–104
Branchial sinuses, 302–309
Burst pressure testing, 106–111

CAM. *See* Complementary and alternative medicine
*Campylobacter*-like organism (CLO) test, 526–530
Canal wall down mastoidectomy (CWDM), 311–316
Canalithiasis, 213
Cancer. *See* Carcinoma
*Candida*, laryngeal, 624–627
Carcinoma
  adenoid cystic, 468–475
  early-stage glottic, 603–611
  head and neck, 401–408, 632–641
  hypopharyngeal, 119–124
  laryngeal. *See* laryngeal cancer
  oral, 197–205, 208–211, 246–254
  thyroid. *See* thyroid cancer
  tongue, 191–195
Cartilage grafts, 362–367
Cartilage-sparing technique, 340–347
Caveolin-3, 323–334
CD34, 191–195
CDH. *See* Congenital diaphragmatic hernia
Cell proliferation marker Ki67, 191–195
Cerebrospinal fluid leaks
  pneumocephalus and, 509–516
  in vitro repairs of, 106–111
Cervical dysphagia, 227–232
Chemotherapeutic agents, 440–447
Children
  cochlear implantation and, 157–165
  cochlear nerve aplasia in, 409–414
  MOSA in, 504–507
  nasal surgery in, 183–189
  obstructive sleep apnea and, 49–57, 573–578
  otitis media with effusion in, 526–530
  otoplasty for prominent ears in, 340–347
  safety of methylene blue for, 302–309
Chloramphenicol, 483–493
Choking risks, prevention and treatment (CRPT), 646–651
Cholesteatoma, 311–316
Chondrosarcomas, 279–284
Chronic otitis media with effusion (COME), 526–530
Chronic rhinosinusitis (CRS)
  CAM for, 517–519
  CAM questionnaire, 520
  paranasal sinus anatomy and, 32–37
  proteomics of nasal mucus in, 381–388
  quality of life and, 286–292
  TNFAIP3 and, 133–140
Chronic Sinusitis Survey, 286–292
Chronic suppurative otitis media
  eustachian tube function in, 456–461
  mastoidectomy for, 240–245
  second-look tympanotomy and, 311–316
Chronicity, in otitis media, 477–482
Cisternography, 509–516
CLO test. *See Campylobacter*-like organism test
CNG. *See* Cyclic nucleotide-gated channels
Cochlear implantation, 157–165
Cochlear nerve aplasia, 409–414
COME. *See* Chronic otitis media with effusion
Complementary and alternative medicine (CAM)
  chronic rhinosinusitis and, 517–519
  CRS questionnaire, 520
  for otolaryngologic surgery patients, 355–360
Computed tomographic cisternography, 509–516
Computed tomography (CT)
  for cochlear nerve aplasia, 409–414
  of nasal cavity/paranasal sinuses, 642–644
  paranasal sinus anatomy and, 32–37
  skull base defects and, 509–516
Conchomastoid sutures, 340–347
Conchoscaphoid sutures, 340–347
Congenital diaphragmatic hernia (CDH), 29–31
Congenital vallecular cyst, 6–10
Corticosteroids, 568–572
Cosmetic facial surgery, 580–585
Cosmetic implications
  of low-set ear, 240–245
  of radial forearm free flap reconstruction, 294–300
  scapel vs. electrocautery blade, 427–432

Cost analysis
of frozen section examinations, 559–563
of TLM vs. radiotherapy, 619–623
Cricothyroid muscles, 323–333
CRPT. *See* Choking risks, prevention and treatment
CRS. *See* Chronic rhinosinusitis
Crura, and wide nasal tips, 417–421
CT. *See* Computed tomography
Cupulolithiasis, 213
CWDM. *See* Canal wall down mastoidectomy
Cyclic nucleotide-gated (CNG) channels, 90–95
Cystic nodules, 222–226
Cysts, congenital vallecular, 6–10
Cytology, 348–353
Cytopathology, 348–353, 395–400

Dacryocystorhinostomy
endonasal, 390–392
with local anesthetic, 393–394
Differentiated thyroid cancer, 553–558
Discharging ears, 483–493
Divers, and inner ear barotrauma, 67–75
Dizziness
otolithic dysfunction/stress and, 375–379
surgical treatment of, 212–220
Donor site morbidity
area scars and, 77–89
reduction in RFFFs, 628–631
Drug resistance, 440–447
Dry temporalis fascia grafts, 126–132
Duchenne muscular dystrophy, 323–334
Dysphagia, 227–232
Dystrophin deficiency, 323–334

EAC. *See* External auditory canal
Early-stage glottic cancer
cost analysis of TLM v. XRT for, 619–623
laser surgery vs.radiotherapy for, 603–611
Ear(s)
barotrauma in, 67–75
cartilage tympanoplasty, 362–367
discharging, 483–493
prominent, 340–347
*See also* Middle ear
Education
choking risks, prevention and treatment, 646–651
in otolaryngology, 38–48
patient, 369–373
EGFRs. *See* Epidermal growth factor receptors
Electrocautery blade, 427–432
Electrocochleography (ECoG), 318–322
Electromyography, 157–165
Endaural approach, to tympanomastoidectomy, 240–245
Endonasal dacryocystorhinostomy, 390–392
Endoscopic frontal sinus septectomy, 652–654
Endoscopic laser resection, 434–438
Endoscopic sinus surgery (ESS)
for MOSA, 504–507
of skull base defects, 509–516
for unilateral frontal sinusitis, 652–654
*See also* Functional endoscopic sinus surgery (FESS)
Endoscopy, 255–259
Endotracheal intubation, 532–536
Epidermal growth factor receptors (EGFRs), 233–238
Esophagoscopy, 231
ESS. *See* Endoscopic sinus surgery
Ethmoidectomy, 504–507
Eustachian tube function, 456–461
Excision
laser, 603–611, 619–623
technique, for intradermal nevi, 501–502
Excisional septoplasty, 183–189
External approach, to nasal surgery, 183–189
External auditory canal (EAC)
adenoid cystic carcinoma of, 468–475
intradermal nevi of, 501–502
External beam radiation therapy (XRT)
cost analysis of, 619–623
for early-stage glottic cancer, 603–611
External otitis, auricular, 568–572
Extrinsic laryngeal muscles, 323–334

Facial nerve stimulation, 157–165
Facial plastic surgery, 369–373
Failure to thrive, 573–578
Fascia grafts, 362–367
FEES. *See* Flexible endoscopic evaluation of swallowing
FESS. *See* Functional endoscopic sinus surgery
Fibre-optic rhinoscopy, 642–644
Fibular free flaps, 178–182
Fine-needle aspiration biopsies (FNABs), 348–353, 395–400
Fine-needle aspiration cytology (FNAC)
of thyroid nodules, 222–226
for tubercular cervical adenitis, 521–524
Fistulae, 302–309
Flexible endoscopic evaluation of swallowing (FEES), 227–232
Flexible nasendoscope, 1–5
Fluorescein, 509–516
FNABs. *See* Fine-needle aspiration biopsies
FNAC. *See* Fine-needle aspiration cytology
Follicular biopsies, 395–400
Forearm morbidity, 294–300
Foreign bodies, and choking risks, 646–651
Free flaps
for achondroplasia, 178–182
monitoring, optical spectroscopy for, 587–593
*See also* Radial forearm free flaps
Free graft septoplasty, 183–189
Frontal sinus septectomy, 652–654
Frozen section examinations, intraoperative, 559–563
Functional endoscopic sinus surgery (FESS)
for chronic rhinosinusitis, 286–292
NasoPore for, 112–117
*See also* Endoscopic sinus surgery (ESS)
Functional implications
of low-set ear, 240–245
of radial forearm free flap reconstruction, 294–300
Fusidic acid, 483–493

Gamma knife irradiation, 545–550
GDP. *See* Gross domestic product
Gene inhibition, 440–447
General anesthesia, 495–500
Genomics, 133–140
Glottic carcinoma
cost analysis of TLM v. XRT for, 619–623
early, previous tumours and, 449–454
laser excision vs. radiotherapy for, 603–611
radiotherapy for, 434–438
*See also* Laryngeal cancer
Glucocorticoids, 90–95
Glutathione, 172–176
Graft(s)
cartilage, 362–367
septoplasty, 183–189
split-thickness, 294–300
Tisseel fibrin sealant and, 106–111
tympanoplasty, 126–132
Great auricular point, 337–339
Gross domestic product (GDP), 208–211

HAART. *See* Highly active antiretroviral therapy
HBME-1 staining, 348–353
Head and neck cancer

chondrosarcomas, 279–284
pectoralis major myofascial flap for, 632–641
Head and neck reconstruction
pectoralis major myofascial flap in, 632–641
quality of life after, 401–408
Head and neck surgery, and CAM, 355–360
Hearing in Noise Test, 96–104
Hearing loss
bone-anchored hearing aids and, 96–104
cartilage tympanoplasty and, 362–367
from cochlear nerve aplasia, 409–414
inhalational anesthetics and, 495–500
malleovestibulopexy and, 595–600
methods of testing, 318–322
from personal listening devices, 142
retrocochlear, 59–66
second-look tympanotomy and, 311–316
sensorineural, 29–31, 67–75
Heat shock protein 70, 191–195
Heimlich manoeuvre, 646–651
Helical computed tomography, 642–644
*Helicobacter pylori*, 526–530
High jugular bulb, 166–171
Highly active antiretroviral therapy (HAART), 255–259
High-risk thyroid surgery, 613–617
Human immunodeficiency virus (HIV), 255–259
Human papillomavirus 16 (HPV-16), 119–124
Hürthle biopsies, 395–400
Hypertrophy, obstructive palatine tonsillar, 537–543
Hypoglossal nerve reconstruction, 246–254
Hypopharyngeal cancer, 119–124

Ibuprofen, 580–585
ICWM. *See* Intact canal wall mastoidectomy
IgA to IgG ratio, 477–482
Immune response, middle ear, 477–482
Incision methods
for adenoid cystic carcinoma, 468–475
scapel vs. electrocautery blade, 427–432
Income, and incidence of oral cancer, 208–211
Infants
obstructive sleep apnea and, 573–578
vallecular cyst and, 6–10
Informed consent, 369–373
Inhalational anesthetics, 495–500
Injection, intradermal, 568–572
Inner ear barotrauma, 67–75
Intact canal wall mastoidectomy (ICWM), 311–316
Intensive care unit patients, 532–536
Interactive website, for CRPT education, 646–651
Interaural amplitude differences, of VEMPs, 462–466
Internal approach, to nasal surgery, 183–189
Intradermal infiltration, 568–572
Intradermal nevi, of the EAC, 501–502
Intraoperative frozen section examinations, 559–563
Intraoperative neuromonitoring, 613–617
Intrathecal fluorescein, 509–516
Intrinsic laryngeal muscles, 323–334
Intubation, endotracheal, 532–536
Irradiation, gamma knife, 545–550
Irrigation, 422–425
Isoflurane, 495–500
Israel, and chronic rhinosinusitis, 517–519

Ki67, 191–195
Kindergarten hearing screening, 409–414

Lactated Ringer solution, 422–425
Laryngeal, bronchial, and esophageal foreign bodies (LBEFBs), 646–651
Laryngeal cancer
EGFRs and, 233–238
human papillomavirus 16 (HPV-16) and, 119–124
oxidative/antioxidative systems in, 172–176
radiotherapy for, 434–438
RT-PCR and, 440–447
thyroid gland invasion in, 564–567
*See also* Glottic carcinoma
Laryngeal candidiasis, 624–627
Laryngeal cyst, 6–10
Laryngeal epithelium, 233–238
Laryngeal muscles, 323–334
Laryngeal squamous cell carcinoma (LSCC), 16–21
*See also* Laryngeal cancer
Laryngeal structures, visualizing of, 1–5
Laryngectomies, 564–567
Laryngomalacia, 6–10
Laryngoscope, 1–5
Laser excision
cost analysis of, 619–623
for early-stage glottic cancer, 603–611
Laser-assisted dacryocystorhinostomy, 390–392
Latencies, of VEMPs, 462–466
LBEFBs. *See* Laryngeal, bronchial, and esophageal foreign bodies
Lentivirus vectors, shRNA, 440–447
Level of consciousness, and OME improvement, 532–536
Linezolid, 483–493
Lingual nerve reconstruction, 246–254
Literature, review of, 483–493
Local incision, for adenoid cystic carcinoma, 468–475
Low-set ear, 240–245
LSCC. *See* Laryngeal squamous cell carcinoma
Lumbar drain, 509–516
Lymph nodes, 521–524

Magnetic resonance imaging (MRI)
for cochlear nerve aplasia, 409–414
submucosal radiofrequency tonsil reduction by, 537–543
Malleovestibulopexy (MVP), 595–600
Malondialdehyde, 172–176
Markham-Stouffville Hospital, 595–600
Mass spectrometry, 381–388
Mastoidectomy
intact canal wall/canal wall down, 311–316
low-set ear and, 240–245
*MDR1* gene expression, 440–447
*mdx* mice, with dystrophic pathology, 323–334
Measuring devices, for cancer lesion assessment, 197–205
Medial orbital subperiosteal abscess (MOSA), 504–507
Meniere disease, 213
Mental stress, and BPPV, 375–379
MES. *See* Middle ear secretion
Metastasis
in adenoid cystic carcinoma, 468–475
neck node, 16–21
Methicillin-resistant *Staphylococcus aureus* (MRSA) otorrhea, 483–493
Methylene blue, 302–309
Micronutrient level, in otitis media, 477–482
Microvascular reconstruction, 401–408
Middle ear
*Helicobacter pylori* and, 526–530
malleovestibulopexy for, 595–600
otitis media and, 477–482
prolonged endotracheal intubation and, 532–536
second-look tympanotomy for, 311–316
Middle ear secretion (MES), to serum ratio, 477–482

Middle metal spacers, in FESS, 112–117
MOSA. *See* Medial orbital subperiosteal abscess
MRI. *See* Magnetic resonance imaging
MRSA. *See* Methicillin-resistant *Staphylococcus aureus*
Mucociliary clearance, 422–425
Mucoid otitis media (MOM), 477–482
Mucosal flap, 390–392
Multidisciplinary dysphagia clinics, 227–232
Multidrug resistance, 440–447
Multinodular goitres, 222–226
Multiple primary tumours, 449–454
Multiple reaction monitoring, 381–388
Mupirocin, 483–493
Muscle tension dysphonia
  post-treatment questionnaire, 277–278
  vocal function exercises for, 261–274
Muscle(s)
  extrinsic laryngeal, 323–334
  sternocleidomastoid, 337–339
Muscular dystrophy, Duchenne, 323–334
Mustardé technique, 340–347
Myringoplasty, 126–132

Nanoflow liquid chromatography, 383–384
Nasal cavity, 642–644
Nasal mucus, 381–388
Nasal polyposis, 133–140, 381–388
Nasal surgery, 183–189
Nasendoscope, 1–5
NasoPore, 112–117
Near-infrared spectroscopy, 587–593
Nebulization, 422–425
Neck dissection, 337–339
Neck node metastasis, 16–21
Needle electrode ECoG, 318–322
Nerve palsy, 613–617
Neuromonitoring, of recurrent laryngeal nerve, 613–617
Neurons, olfactory receptor, 90–95
Newborns, and vallecular cyst, 6–10
Nitrous oxide, 495–500
Nondiagnostic biopsies, 395–400
Nonsteroidal anti-inflammatory drugs (NSAIDs), 580–585

OAE. *See* Otoacoustic emission
Obstructive palatine tonsillar hypertrophy, 537–543
Obstructive sleep apnea syndrome (OSAS)
  adenotonsillectomy for, 49–57
  failure to thrive and, 573–578
Octreotide, 545–550
Olfactory receptor neurons, 90–95
OME. *See* Otitis media with effusion
Optical spectroscopy, 587–593
Oral cavity cancer
  income and, 208–211
  oral swallowing function and, 246–254
  tumour staging in, 197–205
Oral reconstruction, 401–408
Oral swallowing function, 246–254
Oromandibular reconstruction, 178–182
Oropharyngeal cancer
  swallowing function and, 246–254
  tumour staging in, 197–205
Oropharyngeal reconstruction, 401–408
OSAS. *See* Obstructive sleep apnea syndrome
Otic drops, 483–493
Otitis media
  chronicity in, 477–482
  malleovestibulopexy for, 595–600
Otitis media with effusion (OME)
  *Helicobacter pylori* and, 526–530
  tracheostomy and, 532–536
Otoacoustic emission (OAE), 67–75
Otolaryngologic surgery, 355–360
Otolaryngologists
  CRPT education campaigns and, 646–651
  dysphagia and, 227–232
Otolaryngology instruction, 38–48
Otolithic dysfunction, 375–379
Otoplasty, 340–347
Otorhinolaryngologic surgery, 495–500
Otorrhea, 483–493
Otosclerosis, 595–600
Ototoxic effects, of inhalational anesthetics, 495–500
Oxidative system, 172–176

*p53* suppressor gene, 191–195
Pain medication, 580–585
Palpation-guided fine-needle aspiration cytology (PFNAC), 222–226
Palsy, nerve, 613–617
Paranasal sinuses
  anatomy of, 32–37
  virtual endoscopy (VE) of, 642–644
Parotid glands, 545–550
Parotidectomy, 468–475
Patient education, in facial plastic surgery, 369–373
Patient satisfaction
  with NasoPore, 112–117
  in rhinoplasty, 369–373
  scapel vs. electrocautery blade, 427–432
Pectoralis major musculocutaneous (PMMC) flap, 632–641
Pectoralis major myofascial flap (PMMF), 632–641
Pediatric obstructive sleep apnea syndrome, 49–57, 573–578
Perichondritis, 568–572
Perichondrium grafts, 362–367
Personal listening devices, 142
Perturbation parameters, 265–266, 268
PFNAC. *See* Palpation-guided fine-needle aspiration cytology
P-glycoprotein (Pgp) expression, 440–447
Pharyngeal structures, 1–5
PMMC. *See* Pectoralis major musculocuta neous flap
PMMF. *See* Pectoralis major myofascial flap
Pneumocephalus, 509–516
Polymerase chain reactions
  for detection of HPV-16, 119–124
  for TCA diagnosis, 521–524
Polymorphisms, 133–140
POM. *See* Purulent otitis media
Postaural approach, to tympanomastoidectomy, 240–245
Posterior semicircular canal occlusion surgery (PSCC), 212–220
Postoperative respiratory complications, 49–57
Power spectrum auditory brainstem response (PSABR), 59–66
Preauricular sinuses, 302–309
Predictors, of thyroid cancer
  ablation free thyroxine, 553–558
  cytopathologic features on FNABs, 348–353
  in preoperative biopsies, 395–400
Previous tumours, 449–454
Prolonged endotracheal intubation, 532–536
Prominent ears, 340–347
Proteomics, 381–388
PSABR. *See* Power spectrum auditory brainstem response
PSCC. *See* Posterior semicircular canal occlusion surgery
Public eduction campaign, on CRPT, 646–651
Purulent otitis media (POM), 477–482

Quality of life
  after oral/oropharyngeal reconstruction, 401–408
  after pediatric adenotonsillectomy, 49–57
  in chronic rhinosinusitis patients, 286–292
  in tinnitus patients, 166–171

Radial forearm free flaps (RFFFs)

for head and neck reconstruction, 294–300
for oral/oropharyngeal reconstruction, 401–408
topical tissue expanders for, 628–631
Radiation therapy. *See* Radiotherapy
Radiofrequency thermal ablation, 537–543
Radioprotection, 545–550
Radiotherapy
for adenoid cystic carcinoma, 468–475
for chondrosarcomas, 279–284
cost analysis of, 619–623
for early-stage glottic cancer, 603–611
for laryngeal cancer, 434–438
xerostomia and, 545–550
Rat tracheal epithelium, 422–425
Reactive oxygen species, 495–500
Real-time polymerase chain reactions, 119–124
Reanastomosis, of lingual/hypoglossal nerves, 246–254
Reconstruction
lingual nerve, 246–254
microvascular, 401–408
oromandibular, 178–182
pectoralis major myofascial flap for, 632–641
sheet graft, 294–300
Recurrent laryngeal nerve (RLN), 613–617
Repairs, of cerebrospinal fluid leaks, 106–111
Retinoid X receptor (RXR) overexpression, 233–238
Retraction pocket disease, 311–316
Retrocochlear disease, 59–66
Reverse transcription polymerase chain reaction (RT-PCR), 440–447
Revision stapedotomy, 595–600
RFFFs. *See* Radial forearm free flaps
Rhinoplasty
for children, 183–189
informed consent for, 369–373
for wide nasal tips, 417–421
Rhinosinusitis. *See* Chronic rhinosinusitis
Ribonucleic acid interference, 440–447
Rigid laryngoscope, 1–5
Risk recall, 369–373
RLN. *See* Recurrent laryngeal nerve
RT-PCR. *See* Reverse transcription polymerase chain reaction
RXR. *See* Retinoid X receptor overexpression

S100A2 protein, 16–21
Safe Start Choking Prevention campaign, 646–651
Saline solution, 422–425
Salivary glands, 545–550
Scalpel, 427–432
Scar assessment, 77–89
Screening, of eustachian tube function, 456–461
Second-look tympanotomy, 311–316
Sensate reconstruction, 246–254
Sensorineural hearing loss (SNHL)
bone-anchored hearing aids and, 96–104
cochlear nerve aplasia and, 409–414
congenital diaphragmatic hernia and, 29–31
in divers, 67–75
*See also* Hearing loss
Septoplasty, 183–189
Septorhinoplasty, 183–189
Serum zinc, 477–482
Sevoflurane, 495–500
SF-36 Health Survey
for chronic rhinosinusitis patients, 286–292
for tinnitus patients, 166–171
Sheet graft reconstruction, 294–300
shRNA. *See* Small hairpin interference ribonucleic acid technique
Single-sided deafness, 96–104
Sinuses
branchial, demarcation of, 302–309
radiologic anatomy of, 32–37
Sinusitis
MOSA and, 504–507
unilateral frontal, 652–654
*See also* Chronic rhinosinusitis
Skin, incision methods, 427–432
Skull base defects, 509–516
Sleep disturbance, 166–171
*See also* Obstructive sleep apnea syndrome
Small hairpin interference ribonucleic acid (shRNA) technique, 440–447
SNHL. *See* Sensorineural hearing loss (SNHL)
Soft electrode ECoG, 318–322
Solitary nodules, 222–226
Somatostatin, 545–550
Spectroscopy, 587–593
Speech, and tongue piercing, 11–15
Speech, Spatial and Qualities of Hearing Scale, 96–104
Spinal accessory nerve, 337–339
Split-thickness skin grafts (STSGs), 294–300
Squamous cell carcinoma
laryngeal, 173–176, 233–238, 434–438
oral and oropharyngeal, 197–205, 246–254
of the tongue, 191–195
*See also* Carcinoma
SRFTR. *See* Submucosal radiofrequency tonsil reduction
Staging, in oral cavity/oropharyngeal cancer, 197–205
Stapedotomy, 595–600
*Staphylococcus aureus*, methicillin-resistant, 483–493
Sternocleidomastoid muscle, 337–339
Stridor, 6–10
STSGs. *See* Split-thickness skin grafts
Subcutaneous tissues, 418–419
Subfascial dissection, 294–300
Subglottis, 564–567
Subjective visual vertical, 375–379
Submucosal radiofrequency tonsil reduction (SRFTR), 537–543
Subperiosteal abscess, 504–507
Superoxide dismutase, 172–176
Suprafascial dissection, 294–300
Supralaryngeal airway obstruction, 6–10
Surgery
ear, 362–367
endoscopic approach, 504–507
free flap, 178–182, 294–300
functional endoscopic sinus, 286–292
incision methods, 427–432
inhalational anesthetics and, 495–500
mastoid, 240–245
nasal, 183–189, 417–421
oral cavity, 246–254, 401–408
oropharyngeal, 401–408
otolaryngologic, 355–360
posterior semicircular canal occlusion, 212–220
salvage, for laryngeal cancer, 434–438
staged, 311–316
thyroid, 559–563
Surgical resection
for adenoid cystic carcinoma, 468–475
for chondrosarcomas, 279–284
radial forearm free flaps for, 294–300
using methylene blue, 302–309
Survival
adenoid cystic carcinoma and, 468–475
of early glottic carcinoma, 449–454
Sutures, 340–347
Swallowing function, 246–254

TCA. *See* Tubercular cervical adenitis
Temporal bone resection, 468–475
Temporalis fascia grafts, 126–132
Tent-pole effect, in rhinoplasty, 419–421
Thick skin, and rhinoplasty, 418–421
Thrush of the larynx, 624–627
Thyroglobulin, 553–558
Thyroid cancer

cytopathologic features on FNABs, 348–353
malignancy predictors for, 559–563
preoperative biopsies for, 395–400
thyroglobulin and, 553–558
Thyroid gland invasion, 564–567
Thyroid nodules
fine-needle aspiration biopsies of, 348–353, 395–400
frozen section examinations for, 559–563
USFNAC for evaluating, 222–226
Thyroidectomies
recurrent laryngeal nerve injury in, 613–617
routine, in laryngectomies, 564–567
Thyroxine, 553–558
Tinnitus
in divers, 67–75
SF-36 Health Survey and, 166–171
Tisseel fibrin sealant, 106–111
Tissue virologic response, to HAART, 255–259
TLM. *See* Transoral laser microsurgery
TNFAIP3. *See* Tumour necrosis factor α-induced protein 3
Tonal acoustic parameters, 266
Tongue cancer, in Tunisia, 191–195
Tongue piercing, 11–15
Tonsil volume, 537–543
Tonsillectomy
obstructive sleep apnea and, 573–578
vs. submucosal radiofrequency tonsil reduction, 537–543
*See also* Adenotonsillectomy
Topical tissue expanders, 628–631
Tracheal mucociliary clearance, 422–425
Tracheostomy, 532–536
Transient evoked otoacoustic emissions, 67–75
Transnasal esophagoscopy, 231
Transoral laser microsurgery (TLM)
cost analysis of, 619–623
for early-stage glottic cancer, 603–611
Tubercular cervical adenitis (TCA), 521–524
Tuberculosis, 521–524
Tubotympanic chronic suppurative otitis media, 456–461
Tumour necrosis factor α-induced protein 3 (TNFAIP3), 133–140
Tumour staging, 197–205
Tumour suppressor gene product p53, 191–195
Tunisia, and tongue cancer, 191–195
Tympanic membrane perforation, 483–493
Tympanomastoidectomy
low-set ear and, 240–245
second-look tympanotomy and, 311–316
Tympanometer, 456–461
Tympanoplasty
cartilage, 362–367
low-set ear and, 240–245
temporalis fascia grafts and, 126–132
Tympanotomy, 311–316
Tzu Chi General Hospital, 337–339

UCHL. *See* Unilateral conductive hearing loss
Ultrasonography
for predicting malignancy, 395–400
venous Doppler, 587–593
Ultrasound-guided fine-needle aspiration cytology (USFNAC), 222–226
UMHL. *See* Unilateral mixed hearing loss
Undergraduate medical education (UME), 38–48
Unilateral audio vestibular symptoms, 59–66
Unilateral conductive hearing loss (UCHL), 96–104
*See also* Hearing loss
Unilateral frontal sinusitis, 652–654
Unilateral mixed hearing loss (UMHL), 96–104
*See also* Hearing loss
USFNAC. *See* Ultrasound-guided fine-needle aspiration cytology
Utrophin, 323–333

Vallecular cyst (VC), 6–10
Vancomycin, 483–493
VAS. *See* Visual analogue scale
VE. *See* Virtual endoscopy
Venous Doppler ultrasonography, 587–593
Vestibular evoked myogenic potentials (VEMPs), 462–466
Vietnamese female teachers, with muscle tension dysphonia, 261–274
Viral load, 255–259
Virtual endoscopy (VE), 642–644
Visual analogue scale (VAS), 77–89
Vocal function exercises
for muscle tension dysphonia, 261–274
post-treatment questionnaire, 277–278
Voice quality, 603–611
Voice therapy, for muscle tension dysphonia, 261–274
Volume rendering, 642–644
Voluminous lateral crura, 417–421

Website, for CRPT education, 646–651
Wet temporalis fascia grafts, 126–132
Wide interdomal distance, nasal, 417–421
Wide nasal tip, 417–421
Wound healing, with NasoPore, 112–117

Xerostomia, 545–550
XRT. *See* External beam radiation therapy